

1507Z 29 MAY 59

SECRET

ALC DSD
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CH/BB
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schmitt
B. T.

PRIORITY

DIRECTOR

25X1A

DPD (1,2,3,4,5,6,7,8)

S/C (9)

PAK

TOR: 1543Z 29 MAY 59

DOCUMENT NO. _____
NO CHANGE IN CLASS. ☐
DECLASSIFIED
CLASS. CHANGED TO: TS S C 2071
NEXT REVIEW DATE: _____
AUTH: HR 70-2
DATE: 2/11/81 REVIEWER: 037169

PRIORITY

25X1A

IN 00540

25X1A

3340

25X1A

25X1A

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ATTN: MR. BISSELL INFO: COL. BURKE, [REDACTED]

J-57 ENGINE TESTS

1. COMPARISON RANGE AND ALTITUDE FLIGHT ACCOMPLISHED 28 MAY WITH 3 AIRCRAFT PARTICIPATING. STANDARD AIRPLANE 343 AND 360 AND J-75 AIRPLANE 342. 342 AND 343 COVERED SAME GROUND COURSE. ALTITUDE SEPARATION WAS MAINTAINED AT 4000 FEET THROUGHOUT THE MISSION. ALL AIRPLANES WERE OPERATED AT MAXIMUM ALLOWABLE POWER THROUGHOUT THE FLIGHT
2. 342 REACHED AN ALTITUDE OF 73,400 FEET WITH 354 GALLONS OF FUEL REMAINING. 343 REACHED AN ALTITUDE OF 68,000 WITH 488 GALLONS REMAINING
3. FLIGHT TIME WAS 5 HOURS 38 MINUTES. ENGINE OIL TEMPERATURE IS RUNNING AT THE MAXIMUM ALLOWABLE. STEPS ARE BEING TAKEN TO REMEDY THIS SITUATION. OTHERWISE, ENGINE OPERATION WAS SATISFACTORY.
4. THE AIRPLANE WAS OPERATED ON THE SMOOTH SIDE OF THE BUFFER BOUNDARY THROUGHOUT THE FLIGHT. FROM: [REDACTED] 25X1A

END OF MESSAGE

SECRET